

Rejections Under 35 U.S.C. 112

Claims 1, 3, 22, and 32 stand rejected under 35 U.S.C. 112, first paragraph, as the Examiner maintains that the specification is not enabling for claiming all heterocycles.

Applicants traverse the rejection and respectfully request withdrawal of the same.

Applicants again desire to highlight the support for the breadth of their genus claim. The application discloses schemes in conjunction with working examples that support claiming heterocycles generically. (See examples 29, 46 for thiophene; examples 23, 33, 55, 56, 79, 80, 89 for benzene dioxo; examples 59, 60 for quinoline; examples 87 and 92 for pyridine; and example 91 for dihydropyridine). In each of these examples the desired heterocycle is added to the core compound when it is coupled with the corresponding boronic acid in the presence of catalytic palladium and base.

Based on Applicant's interview with the Examiner on 11/08/04, Applicants have made the Examiner's recommended amendments solely to accelerate allowance of the claims. Applicants reserve the right to file a continuation application.

Claim 51 stands rejected under 35 U.S.C. 112, first paragraph, as the Examiner maintains a disease must be disclosed. Applicants traverse this rejection and respectfully request withdrawal of the same. Applicants have amended claim 51, as the Examiner suggested, and the amendment renders the rejection moot.

Rejections Under 35 U.S.C. 102

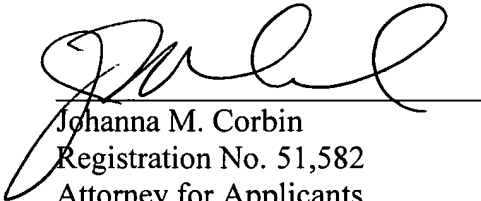
Claim 1 stands rejected under 35 U.S.C. 102(b) as being anticipated by US 5714479, Ishikawa et al. Applicants respectfully traverse this rejection and request withdrawal of the same. The amendment to Claim 1 renders this rejection moot.

ACTION REQUESTED

For all the forgoing reasons, Applicants submit that Claims 1-3, 18-33, and 38-52 are in condition for allowance. To that end, the examiner is invited to contact the undersigned to schedule an Examiner Interview to discuss any matter.

Respectfully submitted,
Claiborne, *et al.*

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